

ABSTRACT OF THE DISCLOSURE

A color printer (10) for imaging onto a photosensitive medium (140) that contains four or more layers for providing images having an expanded color gamut. Color printer (10) directs polarized light from each of four or more
5 light sources (12) to a spatial light modulator (20) for forming an image to be printed. Modulated light is conditioned as necessary, then focused through a print lens (110) onto photosensitive medium (140). Light sources 12 can be lasers, LEDs, or other suitable components. Embodiments may use a single spatial light modulator (20) shared with each color path or a spatial light modulator (20) in
10 each of the four color paths.